

ZAMFIRESCU, M., ing.

Some problems connected with the manufacture and utilization
of paper sacks. Cel hirtie 12 no.4:143-147 Ap'63.

ZAMFIRESCU, M., ing.

Printing properties of coated paper. Cel hirtie 11 no. 9:334-
339 S*62.

ZAMFIRESCU, M.

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. No. 4, 1958.

ZAMFIRESCU, M. The technique and advantages of preserving fishing implements with Azurinol. II. p. 11.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

STEFANESCU, Mihai; ZAMFIRESCU, Marina

New appearances of Vraconian-Cenomanian in the conglomerate zone of Ciucas-Zaganu. Studii cerc geol 9 no.1:61-72 '64

1. Enterprise of Prospecting and Laboratories of the Geological Committee.

BIRZAN, Romanel, ing. (Cluj); DUMITRU, Acu (Nasaud); SANDULACHE, C., prof. (Negresti Iasi); SAVULESCU, Benone (Buzau); IONESCU-TIU, C.; PIRSAN, Liviu; PRAVAT, V.V. (Iasi); SACTER, O.; POPA, Eugen (Iasi); ZAMFIRESCU, Tudor; VOICULESCU, Dan (Bucuresti); BEJANCU, Aurel; BARAS, Robert (Botosani); IARCHY, Tatiana, profesoara (Bucuresti); FADIRCA, I. (Breaza); JORA, S. Boris (Babadag); ROMAN, T.; COSTACHESCU, C.V. (Constanta)

Proposed problems. Gaz mat B 15 no.2:80-85 F '64.

ZAMFIRESCU, Tudor

On some theorems of G. Szekeres and S. Marcus on convex and monotonous functions. Rev math Roum 10 no.1:81-90 '65.

1. Faculty of Mathematics and Mechanics of the University of Bucharest. Submitted April 17, 1964.

ZAMFIRESCU, Tudor

On the superposing of two growing functions, one convex and the other concave. Studii cerc mat 17 no.1:111-118 '65.

1. Submitted August 6, 1964.

ZAMFIRESCU, Tudor

On the gacdesies of a particular nondifferentiable variety.
Gaz mat fiz 70 no.3:96-99 Mr '65.

36

B-1-3

Tendency to gum formation in cracked benzines.
M. T. ZAMFIRESCU (An. Minelor Romania, 1932, 15,
177-179; Chem. Zentr., 1933, i, 1879).—A discussion
of the effect of air, temp., and light on gum formation
(l), and of methods for determining gum content. The
effects of Fe, Cu, Sn, Al, and Zn on (l) are recorded.
L. S. T.

ASB-56 METALLURGICAL LITERATURE CLASSIFICATION

1900 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000

1ST AND 2ND DIGITS										3RD AND 4TH DIGITS										5TH AND 6TH DIGITS									
<p>CA</p> <p>Tendency to gum formation in cracked benzines. M. T. Zamiatina. <i>Anal. Khim.</i> 13, 177-8 (1933).—A discussion of the effect of air, temp. and light on gum formation (I), and of methods for detg. gum content. The effects of Fe, Cu, Sn, Al and Zn on I are recorded. H. C. A.</p> <p>21</p>																													
<p>ASH-51A METALLURGICAL LITERATURE CLASSIFICATION</p>																													
SECTION 1										SECTION 2										SECTION 3									
SUBSECTION 1										SUBSECTION 2										SUBSECTION 3									

ZAMFIRESKU, M.

IONESCU-MIKHAYESH', K; GORODNICHANU, P.; ZAMFIRESKU, M; KLEIN, R.;
GANICHEVICH, G.; STERESKU, P.; BUSHILE, V. (Bumynskaya Narodnaya
Respublika)

Coxsackie virus isolated from feces of a child suspected of
poliomyelitis. Pediatria no.3:19-23 My-Je '55 (MLRA 8:10)

(COXSACKIE VIRUSES, infect.

isolation from feces in diag. of polio in inf.)

(POLIOMYELITIS, in infant and child

diag.isolation of coxsackie viruses from feces)

Zamfirescu, M.

IONESCU-MIHAIESTI, C., academician; KLEIN, R.; HORODNICEANU, F.;
ZAMFIRESCU, M.

Studies on the Coxsackie virus. I. Strains recently isolated and
study of the relations between the human and experimental disease.
Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:461-468 July-Dec 1955.

(COXSACKIE VIRUSES

strains isolated from polio. & polyradiculoneuritis patients
& from normal subjects)

(POLIOMYELITIS

isolation of Coxsackie virus from two cases)

(POLYNEURITIS

polyradiculoneuritis, isolation of Coxsackie virus from)

SERGIIESCU, D.; HOBOONICEAHU, F.; KLEIN, R.; ZAMFIRESCU, M.

Studies on the Cocksackie virus. II. Attempted culture of strains of Cocksackie virus isolated in the Rumanian People's Republic on mouse embryo tissue cultures. Stud. cercet. inframicrobiol., Bucur. 6 no.3-4:469-476 July-Dec. 1955.

(COXSACKIE VIRUS, culture
attempted adaptation of strains isolated in Rumania to
culture in vitro, using mouse embryo tissues)

ZAMFIRESKU, M.

IONESCU-MIKHAYESHTI, K.; ZAMFIRESKU, M. (Bukharest)

Nucleonucleolar lesions of nerve cells of the anterior horns
of the spinal cord in poliomyelitis. Zhur.nevr. i psikh.55
no.8:596-598 '55. (MLRA 8:10)

(POLIOMYELITIS, pathology,

spinal cord nucleonucleolar lesions of anterior
horns)

(SPINAL CORD, in various diseases,

polio, nucleonucleolar lesions of anterior horns)

ZAMFIRESCU, M., ing.

Importance of measurements in the compositor sections of
polygraphic enterprises. Metrologia apl 9 no. 4:151-154
J1-Ag '62.

ZAMFIRESCU, M., ing.

Problems connected with the manufacture of pasteboard cases.
Cel. hirtie 11 no.6:241-244 Je'62

ZAMFIRSCU, H.

Problems of the paper industry in view of the international standardization;
standardization of paper format. p. 302.

CELULOZA SI HIRTIE. (Asociatia Stiintifica a Inginerilor si Technicienilor
din Romania si Ministerul Industriei Petrolului si Chimie) Bucuresti, Rumania.
Vol. 8, no. 7, July 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

ZAMFIRESCU, M.

· ROMANIA/Virology. Human and Animal Viruses (Poliovirus).

Abs Jour: Ref Zhur-Biol., No 14, 1958, 62133.

Author : Ionescu-Mihalesti, C., Hornet, Th., Appel, E.,
~~Zamfirescu, M.~~

Inst :

Title : Alkaline-Phosphatase Activity in Experimental
Poliovirus.

Orig Pub: Studii siceretari neurol. Acad. RPR. Inst. neurol.
1957, 2, No 2, 151-158.

Abstract: No abstract.

Card : 1/1

IONESCU-MIHAI DESTI, G.; ZAMFIRESCU, M.

On pathological nucleo-nucleolar changes in the motoneurons of the spinal cord in poliomyelitis. Acta virol. Engl. Ed. Praha 1 no. 3-4: 235-237 July-Dec 57.

1. Cantacuzino Institute of Microbiology, Parasitology and Epidemiology, Bucharest.

(POLIOMYELITIS, pathol.

spinal cord, nucleonucleolar changes in the motoneurons)

(SPINAL CORD, pathol.

in polio., nucleonucleolar changes in motoneurons)

L 13062-66 EWA(j)/1/EWA(b)-2 JK

ACC NR: AP6005724

SOURCE CODE: RU/0023/65/010/001/0011/0017

AUTHOR: Beloiu, Irina--Beloyu, I. (Doctor); Pleceas, Paula--Plechash, P. (Doctor); Zamfirescu, M.--Zamfiresku, M. (Doctor)

ORG: Dr. I. Cantacuzino Institute of Microbiology, Parasitology, and Epidemiology, Bucharest (Institutul de microbiologie, parazitologie si epidemiologie Dr. I. Cantacuzino) 80

TITLE: Streptococcal and pneumococcal infections in monkeys

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 11-17

TOPIC TAGS: experiment animal, vaccine, bacterial disease, bacteriophage, respiratory system disease

ABSTRACT: The authors review the pertinent literature and report their own findings in a group of 44 monkeys used in polio vaccine production, of which 33 were sick and 11 normal. In the normal monkeys the authors found enterococci and streptococcus viridans as well as many enterococcal bacteriophages; in the blood of 6 of the sick monkeys they found streptococci of the A group, C group and Str. faecalis var. zymogenes, while the other sick monkeys displayed various types of pneumococcal infections from which 23 strains of pneumococci were isolated. The septicaemic type prevailed (63 percent). [JPRS]

SUB CODE: 06 / SUBM DATE: 21Jul64 / OTH REF: 022

Card 1/1 *NR*

UDC: 616-022.712.14-092.9

ZAMFIRESCU, N.R.; FELBERG, B.

Considerations on cardiac dynamic investigations with the indirect polygraphic method. Fiziol. norm. pat. 11 no.1: 13-25 Ja-F '65.

1. Institutul de fiziologie normala si patologica "D. Danielopolu" si Academiei R.P.R. (director: acad. Gr. Benetato).

3/058/63/000/001/049/120
A160/A101.

AUTHORS: Sabeu, M., Zamfirescu, I.

TITLE: The determination of the energy distribution of the neutron flux by the activation and transmission methods

PERIODICAL: Referativnyy zhurnal, Fizika, no. 1, 1963, 39, abstract IV279
("Rev. phys. Acad. RPR", no. 1, 1962, 7, 39 - 44)

TEXT: An investigation is conducted of a method of solving an integral equation relating the function of the neutron-flux distribution $\Phi(E)$ to an activation of the sample A. It is assumed that the magnitude A is known from experiment. The energy region of the neutrons is broken up into a number of small intervals. The generalized theorem of the mean is applied to the obtained partial integrals. Then, the problem is reduced to the solution of the linear equations system. A similar method of determining the flux distribution is used in the experiments by the transmission method. To solve the system of equations, the activation experiments were combined with the experiments by the transmission method. The error magnitude when breaking up the energy region into n intervals was estimated.

S. Kvasnikov

[Abstracter's note: Complete translation]
Card 1/1

L 63119-65

ACCESSION NR: AP502344

RU/0012/64/000/005/0789/0117

AUTHOR: Zamfirescu, N. (Doctor); Felberg, B. (Doctor); Filcescu, V. (Doctor);
Teodorescu, C. (Doctor, Lieutenant Colonel); Stoian, M. (Doctor, Major);
Pintilie, I. (Doctor, Major)

TITLE: Considerations on the mechanism of the hemodynamic adaptation of the
human organism under conditions of high temperatures and modifications of
posture

SOURCE: Revista sanitară militară, no. 5, 1964, 789-797

TOPIC TAGS: biologic ecology, heat biologic effect, cardio vascular system

ABSTRACT: The authors analyze some aspects of the thermal demands on the
organism and the physiological response of the organism when thermal demands
are increased with direct heat.

ASSOCIATION: none

2 tables, 3 figures

1/2

L 63419-65

ACCESSION NR: AP5023244

0

SUBMITTED: 00

ENCL: 00

SUB COME: L3

NR REF SOV: 00

OTHER: 017

JPRS

K
2/2

ZAMFIRESCU, M.

Rumania/General Biology. General Histology

B

Abs Jour : Ref Anur-Biol., No 13, 1957, 571-21

Author : Ionescu-Mihailesti, Zamfirescu M.

Inst : Not given

Title : On the affection of the Nuclei and Nucleoli of the Nerve Cells of the Anterior Horns in Poliomyelitis

Orig Pub : Studii si cercetari neurol. Acad. RPR, Inst. neurol., 1956, 1, No 3-4, 229-234

Abstract : The development of affections of the spinal cord neurons and spinal ganglia under the influence of the poliomyelitis virus was studied. Investigations which were conducted on poliomyelitis patients and on sick simians provide a basis for the assumption that the initial affection takes place in the nucleole which is the

Card 1/2

ZAMFIRESCU, N.; TACU, Florentina; TEODORIU, Al.

Increasing the corn production by treating the seed with
electromagnetic radiation. Studii cerc biol s. bot 17 no.1:
63-70 '64.

1. Chair of Plant Technology, "N. Balcescu" Agronomic Institute.
Submitted October 3, 1963.

ZAMFIRESCU, T.; PAPADOPOL, D.

Teaching the similarity of triangles. Gaz mat fiz 70 no.4:146-149 Ap '65.

DUMITRESCU, Mircea.; DIMITRIU, Ofelia.; ZAMFIRESCU-CHNORGHIU, Marcela.;;
MICU, Dumitru.; POPESCU, Gr.

Hemolysis. Probl. ter., Bucur. Vol 1:209-224 1954,

(HEMOLYSIS

eff. of erythropoietic insuff., plasma cholesterol &
osmotic & colloid-osmotic resist. of erythrocytes)

(ERYTHROCYTES

eff. of insuff. & osmotic & colloid-osmotic resist. on
hemolysis)

(CHOLESTEROL, in blood

eff. on hemolysis)

(BLOOD

cholesterol, eff. on hemolysis)

IAGNOV, S.,; ZAMFIRESCU-HGZORGHIU, H.,; KREINDLER, F.,; POPESCU, I.Gr.,;
SAFIRESCU, V.

The hepato-clinical value of blood catalase; clinical and
experimental study. Bul. stiint., sect. med. 7 no.3:673-693
July-Sept 55.

1. Membru corespondent al academiei R.P.R.(for Iagnov)

(Catalase in blood
in liver dis.)

(BLOOD
catalase, in liver dis.)

(LIVER, dis.
blood catalase activity)

EXCERPTA MEDICA Sec. 6 Vol. 11/8 Aug. 57
ZAMFIRESCU-GHEORGHIU M.

4539. ZAMFIRESCU-GHEORGHIU M., SAFIRESCU E. and MAXIMILIAN St.
Inst. de Terapeut., Acad. R.P.R., Sect., Spit. 'I.C. Frimu', Bucuresti.
"Valoarea hepato-clinică comparativă a unor teste enzimatică, în cursul
hepatitei epidemice. The clinical significance of some en-
zymatic tests of the hepatic condition in the course
of epidemic hepatitis PROBL. TERAPEUT. 1956, 3 (31-42) Tables 1
A study was made to determine the clinical value of some enzymatic tests in
current use, in the course of epidemic hepatitis: the variations of the alkaline
phosphatase level of the blood, of the pseudo-cholinesterase and of the catalase
in the blood. Parallel studies were made of the value of total bilirubinaemia
(direct and indirect), using the dysproteinaemia tests as functional tests of com-
parison. It was found that determination of the decrease of the enzymatic activity
of the couple blood catalase-cholinesterase, as found in 50% of the cases, mostly
severe ones, assumes almost always prognostic importance. The variations of
the alkaline phosphatase appear to constitute a test proving the mechanical nature
of the icterus, although moderately increased values have been observed in 25%
of the cases of epidemic hepatitis examined. (XX, 6)

ZAMFIRESCU-GHIDORGHIU, M.; POPESCU, I. Gr.; FISCHER, P. S.; MAXIMILIAN, St.

An unusual type of blood protein disorder during epidemic hepatitis.
Probl. ter., Bucur. 3:93-102 1956. .

(HEPATITIS, INFECTIOUS, complications
hyperproteinemia with hyperglobulinemia & positive
Takata reaction.)
(BLOOD PROTEINS
disord. in infect. hepatitis, with hyperglobulinemia
& positive Takata reaction)
(SERUM GLOBULIN
hyperglobulinemia in infect. hepatitis, with hyperproteinemia)

IAGNOV, S.; ZAMFIRESCU, G. I.; POPESCU, G. I.; FISCHER, S. P.;
SIMIONOVICI, B.; MAXIMILIAN, S.

Clinical value of tests of urinary elimination of carbonyl substances, expressed in pyruvic acid, for the study of the evolution of epidemic hepatitis. Probl. ter., Bucur. 4:111-121 1956.

1. Institutul de terapeutica al Academiei R.P.R., Sectia de la Spitalul O. C. Frimu.

(HEPATITIS INFECTIONOUS, urine in carbonyl substances, expressed in pyruvic acid, value of determ.)

(PYRUVATES, in urine pyruvic acid, in infect. hepatitis, clin. value of determ.)

ZAMFIRESCU-GHEORGHIU, M.; KREINDLER, F.; HERCK, E.; MAXIMILIAN, St.;
SAFIRESCU, E.; CORNELIU, Miron

Serum peroxidase activity in acute and chronic liver diseases;
clinical and experimental studies. Probl. ter., Bucur. 3: :
181-212 1956.

(LIVER DISEASES, blood in
peroxidase, in acute & chronic dis.)

(OXIDASES, in blood
peroxidase activity in acute & chronic liver dis.)

ZAMFIRESCU-CHEORCHIU, M.

IAGNOV, S.; ZAMFIRESCU-CHEORCHIU, Marcella

The test of urinary elimination of carbonylated bodies as expresses in terms of pyruvic acid, in the course of epidemic hepatitis, chronic hepatitis & cirrhosis. Rumanian M. Rev. 1 no.4:19-22 Oct-Dec 57.

(PYRUVATES, in urine

pyruvic acid in chronic hepatitis, infectious hepatitis & cirrhosis)

(HEPATITIS, urine in

pyruvic acid in chronic hepatitis)

(HEPATITIS, INFECTIOUS, urine in

pyruvic acid)

(LIVER CIRRHOSIS, urine in

pyruvic acid)

ZAMFIRESCU-GEORGHIU, M.; COSMULESCU, I.; KREINDLER, F.; SAPIRESCU, E.;
MAXIMILIAN, St.; F. E. HERCK

The succinic dehydrogenase and cytochrome oxidase activity of the liver;
experimental study. Probl. ter., Bucur. 8:13-20 1957.

(SUCCINIC DEHYDROGENASE, determination
in rabbit liver, eff. of phosphorus & carbon tetrachloride
pois.)

(OXIDASES, determination
cytochrome oxidases in rabbit liver, eff. of phosphorus &
carbon tetrachloride pois.)

(PHOSPHORUS, effects
on succinic dehydrogenase & cytochrome oxidase activity of
rabbit liver)

(CARBON TETRACHLORIDE, poisoning
exper., eff. on succinic dehydrogenase & cytochrome oxidase
in rabbit liver)

(LIVER, metabolism
succinic dehydrogenase & cytochrome oxidase activity, in
rabbit, eff. of phosphorus & carbon tetrachloride pois.)

RUMANIA/Human and Animal Physiology - Metabolism.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12436

Author : Zamfirescu-Gheorghiu, M., Cosmulescu, I., Kreindler, F.,
Safirescu, E., Maximilian, St., Herck, E.

Inst : -

Title : Succinic Dehydrogenase and Cytochrome Oxidase Activity
in the Liver. Experimental Investigation

Orig Pub : Probl. terap., 1957, 8, 13-23

Abstract : In the liver of rabbits, which had been poisoned with P
or CCl_4 , the activity of succinic dehydrogenase (I) de-
creased 16 - 63% and cytochrome oxidase (II) 10 - 60%
in comparison with the standard. The relation between
the activity of I and II (according to O_2 consumption)
diminished to 2.3 - 1.3 and even 0.68 with a norm of
2.6. A change in the intensity of liver respiration
was explained by the infiltration of mitochondria and
by subsequent inactivation of respiratory enzymes, as

Card 1/2

- 7 -

ZAMFIRESCU - GHEROGHIU, M.

MICU, D.; ZAMFIRESCU-GHEROGHIU, M.; GRAMATOPOL, D.; MAXIMILIAN, ST.

Value of serum catalase test in control of x-ray therapy. Bul. stiint.,
sect. med. 9 no.1:51-69 1957.

(RADIOTHERAPY

control with serum catalase tests)

(CATALASE, in blood

determ. in control of x-ray ther.)

RUMANIA/Human and Animal Physiology (Normal and Pathological).
The Liver.

T-8

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50995

Author : Iagnov, S., Zamfirescu-Gheorghiu, Marcela

Inst : -

Title : The Significance of Sideremia as a Test of Liver Function.

Orig Pub : Med. interna, 1957, 9, No 2, 280-285.

Abstract : No abstract.

Card 1/1

- 78 -

ZAMFIRESCU-GHEORGHIU, Marcela; KREINDLER, Filip; SAFIRESCU, Eugenia; MAXIMILIAN,
St.

Study of nucleic acids in the blood during vitamin B 12 therapy of
various liver diseases. Probl. ter., Bucur. no.7:87-96 1957.

(LIVER DISEASES, therapy

vitamin B 12, eff. on serum nucleic acids)

(VITAMIN B 12, ther. use

liver dis., eff. on serum nucleic acids)

(NUCLEIC ACIDS, in blood

in liver dis., eff. of vitamin B 12 ther.)

POPESCU, I. Gr.; NACHMAN, R.; ZAMFIRESCU-CHIROBHIU, M.

Study of milk diarrhea in ulcerous disease. Probl. ter., Bucur. 8:93-100
1957.

(PEPTIC ULCER, therapy
milk, causing diarrhea)

(DIARRHEA, etiol. & pathogen.
milk ther. of peptic ulcer)

IAGHOV, S., Prof.; ZAMFIRESCU-GHEORGHIU, Marcela, dr.

Test of urinary elimination of substances containing carbonyl.
expressed in pyruvic acid, during epidemic hepatitis, chronic
hepatitis and cirrhosis. Med. int., Bucur. 9 no.1:98-102 Jan 57.

(HEPATITIS, urine in
carbonylic substances expressed in pyruvic acid, in
epidemic & chronic cases)

(LIVER CIRRHOSIS, urine in
carbonylic substances expressed in pyruvic acid)

(PYRUVATES, in urine
pyruvic acid, in chronic & epidemic hepatitis & liver
cirrhosis, study of carbonylic substances)

Zamfirescu - GHEORGHIU, M.

IAGNOV, S., Prof.; COSMULESCU, I. Dr.; ZAMFIRESCU-GHEORGHIU, Dr.

Clinical and laboratory aspects of coprological examination. Med. int.,
Bucur. 10 no. 3:427-432 Mar 58.

(FICES

exam., methods & diag. value)

PAPPO,A.; MIRON,C.; GALALB,A.; ZAMFIRESCU-GEORGHIU,Marcela

Exploration of the principal common bile duct by duodenal chromo-
intubation with azorubin. Probl. ter.,Bucur. 10 no.3:101-111 '59.

(BILE DUCTS,function tests)

(DUODENUM)

(DYES)

ZAMFIRESCU-GHEORGHIU, Marcela, Dr.

Aspects of enzymological investigations in clinical medicine.
Med. intern., Bucur. 11 no.12:1761-1772 '59.

1. Lucrare efectuata in Institutul de terapeutica al Academiei
R.P.R., director: acad. N. Gh. Iupu.
(ENZYMES)

ZAMFIRESCU-GHEORGHIU, Marcela

Importance of enzymological investigations in medicine.
Probl. ter., Bucur. 10 no.4:15-29 '60.
(ENZYMES)

POPESCU, I.Gr.; ZAMFIRISCU-GHEORGHIU, Marcela; COIT, Elena

Diagnostic methods: in chronic alimentary digestive allergy.
Probl. ter., Bucur. 10 no.4:43-49 '60.
(ALLERGY diagnosis)

POPESCU, I. Gr.; PAUN, R.; MOLNER, C.; ZAMFIRESCU-GHEORGHIU, Marcela; URSEA, N.

Preliminary data on specific desensitization treatment in asthma caused
by ricin in workers cultivating the castor oil plant. Stud. cercet.
med. intern. 3 no.4:499-503 '62.
(ASTHMA) (RICINUS)

ZAMFIRESCU-GHEORGHIU, Marcela; POPESCU, Iuliu; DOBREANU-ENESCU, Vicrica;
TEODORINI, Sanda; CIOBANU, Florina

Experimental investigations of myocardial activity after administration
of substances blocking the energetic enzymes. Stud. cercet. med. intern.
3 no.4:525-547 '62.

(ENERGY METABOLISM)

(MYOCARDIUM)

(ANTIMETABOLITES)

CARP, N.; ZAMFIRESCU-GHEORGHIU, Marcela; OLARU, Cornelia; POPESCU, I. Gr.

Contribution to the induction of an experimental allergy to Ricinus.
Stud. cercet. med. intern. 3 no.5:653-660 '62.

(RICINUS) (ALLERGY)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.; GOCIU, Mariana;
SIGHETEA, Elena; CIOBANU, Florina

Contribution to the study of serum pyruvic acid in some malignant
blood diseases. Stud. cercet. med. intern. 3 no.6:749-753 '62.

(PYRUVATES) (LEUKEMIA) (HODGKIN'S DISEASE)
(MULTIPLE MYELOMA) (SARCOMA, RETICULUM CELL)
(LYMPHOSARCOMA) (MYXOSARCOMA)

POPESCU, Iuliu; ZAMFIRESCU-GHEORGHIU, Marcela; DOBREANU-ENESCU, Viorica;
CIOBANU, Florina; HARNAGEA, P.

Contribution to the study of blood pyruvic acid in cardiac insufficiency.
Stud. cercet. med. intern. 4 no.2:187-188 '63.
(HEART FAILURE, CONGESTIVE) (PYRUVATES)
(BLOOD CHEMICAL ANALYSIS)

RUNCAN, V.; ZAMFIRESCU-GHEORGHIU, Marcela; POPESCU, T.; PAPPO, A.;
VELICAN, Doina; MIRON, C.

The evolution of chronic hepatitis following epidemic hepatitis.
Stud cercet med intern 4 no.3:307-316 '63.
(HEPATITIS) (HEPATITIS, INFECTIOUS)

ZAMFIRESCU-GHEORGHIU, Marcella; PETRESCU, M.; GROZEA, P.;
MIHAILESCU, Eugenia; GOCIU, Mariana; SIGHETEA, Elena

Contribution to the study of glutathionemia in some malignant
hemopathies. Stud cercet med intern 4 no.3:361-366 '63.

(GLUTATHIONE) (LEUKEMIA) (HODGKIN'S DISEASE)

(RETICULOENDOTHELIOSIS) (ERYTHREMIC MYELOSIS)

(ANEMIA, MYELOPHTHISIC) (ANEMIA, ERYTHROBLASTIC)

(MULTIPLE MYELOMA) (ANGIOSARCOMA)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.;
GOCIU, Mariana; SIGHEIEA, Elena

Research on some enzyme tests in several malignant hemopathies.
Stud. cercet. med. intern. 4 no.4:483-487 '63.

(HODGKIN'S DISEASE) (LEUKEMIA)
(ERYTHREMIC MYELOSIS) (SARCOMA, RETICULUM CELL)
(LYMPHOSARCOMA)

ZAMFIRESCU-GHEORGHIU, Marcela; GEORGESCU, M.; VELICAN, Doina; RUNCAN, V.

Contribution to the experimental study of the hepatic succinoxidase system and its correlations with biliary secretion, after administration of energetic enzymatic inhibitors. Stud. cercet. med. intern. 4 no.6:827-835 '63.

*

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.; GOCIU, Mariana;
~~PIGHITRA, Elena; VLADISCU, C.; GOCU, P.~~

Variations in serum copper oxidase (ceruloplasmin) in the course
of malignant lymphogranulomatosis. Stud. cercet. med. intern. 5
no.3:263-267 '64.

ZAMFIRESCU-GHEORGHIU, Marcela; POPESCU, I.Gr.; VELICAN, Doina; MIRON, C.

Contribution to the study of some energetic enzymes during experimental chronic toxic hepatitis. Stud. cercet. med. intern. 2 no.1:111-117

'61.

(LIVER chemistry) (HEPATITIS experimental)
(ALDOLASE chemistry) (CYTOCHROMES chemistry)
(SUCCINIC DEHYDROGENASE chemistry) (VITAMIN B 12 pharmacology)

LUPU, N.Gh., acad.; RUNCAN, V.; ZAMFIRESCU-GHEORGHIU, Marcela; PAPPO, A.;
MIRON, C.

Value of serum aldolase determination for control of the parenchymal
sequels of epidemic hepatitis. Stud. cercet. med. intern. 2 no.2:

185-190 '61.

(HEPATITIS, INFECTIOUS pathology) (ALDOLASE blood)

POPESCU, Iuliu; ZAMFIRESCU-GHEORGHIU, Marcela; DOBREANU-ENESCU, Viortea;
MAXIMILIAN, Stefania; HARNAGEA, P.

Changes in serum glutathione in cardiac insufficiency. Stud. cercet.
med. intern. 2 no.3:261-276 '61.
(HEART FAILURE, CONGESTIVE blood)
(GLUTATHIONE blood)

LUPU, N.Gh., academician; GROZEA, P.; ZAMFIRESCU-GHEORGHIU, Marcela; OLARU,
Cornelia; SIGHETEA, Elena

Contribution to the study of aldolase in the blood in some malignant
hemopathies. Stud. cercet. med. intern. 2 no.3:325-329 '61.

(ALDOLASE blood)

(LEUKEMIA, MYELOCYTIC blood)

(HODGKIN'S DISEASE blood) (LEUKEMIA, LYMPHOCYTIC blood)

LUPU, N. Gh., acad.; DINISCHIOTU, G. T.; PAUN, R.; POPESCU, I. Gr.; FOTESCU, L.;
ZAMFIRESCU-GHEORGHIU, Marcela; OLARU, Cornelia; IOTA, C. G.;
MOSCOVICI, B.; MOLNER, C.; URSEA, N.; LOWE, Judith; WEINER, S.; In co-
laborare cu AVACHIAN, A.; BICLESAN, I.; DUMITRESCU, I.

Investigations of allergy to ricin. Stud. cercet. med. intern. 2
no.5:639-652 '61.

(RICINUS toxicology) (ALLERGY etiology)

LUPU, N. Gh., acad.; RUNCAN, V.; ZAMFIRESCU-GHEORGHIU, Marcela; PAPPO, A.;
MARCUS, N.; MIRON, C.; VELICAN, Doina; URSEA, N.; VLADESCU, C.

The value of several enzyme tests as compared with biological and
chemical tests in the early diagnosis of post-viral chronic hepati-
tis. Stud. cercet. med. intern. 2 no.5:653-661 '61.

(HEPATITIS, INFECTIOUS diagnosis)
(TRANSAMINASES blood)
(ALDOLASE blood
(BLOOD PROTEINS chemistry)
(ELECTROPHORESIS) (LIVER FUNCTION TESTS)

ZAMFIRESCU.GHEORGHIU, Marcela; CIOBANU, Florina

Some enzymatic aspects of the syndrome of hepatic cytolysis. Stud.
cercet. med. intern. 2 no.6:763-771 '61.
(LIVER DISEASES metabolism) (ENZYMES metabolism)

LUPU, N.Gh., academician; POPESCU, I.Gr.; ZAMFIRESCU-GHEORGHIU, Marcela;
VELICAN, Doina; CIOBANU, Florina

Therapeutic investigations in experimental toxic chronic hepatitis.

Stud. cercet. med. intern. 2 no.6:837-842 '61.

(HEPATITIS experimental) (CYTOCHROMES pharmacology)
(VITAMIN B 12 pharmacology) (PREDNISOLONE pharmacology)

ZAMFIRESCU-GHEORGHIU, M.; VELICAN, D.; PETRESCU, M.; GROZIA, P.; SIGETIA, E.

Contributions to the study of the enzymatic pattern of normal and
pathological lymph nodes. Rev. sci. med. 6 no.3/4:217-220 '61.
(HODGKIN'S DISEASE chemistry) (LYMPHADENITIS chemistry)
(LYMPH NODES chemistry) (SUCCINIC DEHYDROGENASE chemistry)
(CYTOCHROMES chemistry)

MICU, D.; ZAMFIRESCU-GHEORGHIU, Marcela; MAXIMILIAN, Stefania; MIHAILESCU, Eugenia

Blood catalase determination in radiotherapy of leukemias. Rev. sci. med. 7 no.1/2:63-67 '62.

(CATALASE) (LEUKEMIA) (RADIOTHERAPY)

MARCUS, N.; PAUN, R.; ZAMFIRESCU-GHEORGHIU, Marcela; URSEA, N.

Correlations between gastric secretion and uropepsinogen in chronic hepatitis. Stud. cercet. med. intern. 3 no.3:367-372 '62.

(HEPATITIS chemistry) (UROPEPSIN metabolism)

(GASTRIC JUICE chemistry) (ADRENAL CORTEX HORMONES pharmacology)

POPESCU, I.Gr.; ZAMFIRESCU-GHEORGHIU, Marcela; VELICAN, Doina; MIRON, C.;
RUNCAN, V.

Investigations of a complex treatment in chronic experimental toxic
hepatitis, Stud. cercet. med. intern. 3 no.6:777-783 '62.

(HEPATITIS. TOXIC) (LIVER EXTRACTS) (ANDROGENS)
(PREDNISOLONE) (TRIAMCINOLONE) (VITAMIN B12)

PAUN, R.; PAPPO, A.; ZAMFIRESCU-GHEORGHIU, Marcela; MIRON, C.; VASILIU, I.;
SUCHIANU, Gh.

Criteria for early diagnosis of chronic hepatitis following
epidemic hepatitis. Stud. cercet. med. intern. 4 no.2:161-168
'63.

(HEPATITIS)	(HEPATITIS, INFECTIOUS)	(DIAGNOSIS)
(LIVER FUNCTION TESTS)	(BLOOD PROTEINS)	(BILIRUBIN)
(SERINE)	(BLOOD CHEMICAL ANALYSIS)	

POPESCU, I.Gr.; ZAMFIRESCU-GHEORGHIU, Marcela; VELICAN, Doina; HUNCAN, V.;
VLADESCU, C.

Investigations of curative therapy with energetic enzymes and
Juvocirrhol in experimental toxic chronic hepatitis. Stud. cercet.
med. intern. 4 no.2:219-223 '63.

(HEPATITIS, TOXIC) (CYTOCHROMES) (CATALASE)
(GLUCOSIDASE) (COENZYMES) (PROTEIN HYDROLYSATES)

GROZ, A. P.; ZAMFIRESCU-GHEORGHIU, M.; GOCIU, M.;
OEIB, R.; SIGHETEA, El.

Contributions to the study of serum protein modifications
in certain malignant hemopathies. Rev. sci. med. 8 no. 162:
35-40, '63.

(BLOOD PROTEINS) (LYMPHOMA) (MACROGLOBULINEMIA)
(LEUKEMIA, LYMPHOCYTIC) (ANEMIA, MEYLOPHTHISIC)

ROMANIA

ZAMFIRESCU-GHEORGHIU, Marcela, MD.

Institute of Internal Medicine, Bucharest (Institutul de
medicina interna, Bucuresti)

Bucharest, Viata Medicala, No 14, 15 Jul 63, pp 991-998

"The Summary Examination of Urine. - Physiopathological
Significance. Diagnostic Value."

PAUN, R.; POPESCU, I. Gr.; GHEORGHIU, T.; ZAMFIRESCU-GHEORGHIU, ~~Mircea~~; MAXIMILIAN
Stefania; OLARU, Cornelia; GEORGESCU, Carmen; VLADESCU, C.;
DALBOI, I.

Research on occupational allergy to library dust. Stud. cercet.
med. intern. 5 no.1:45-53 '64.

MICU, D.; ZAMFIRESCU-GHEORGHIU, Marcela; MAXIMILIAN, Stefania; MIHAILESCU, Eugenia; LAZAROVICI, Miriam.

Contributions to the study of lipid disorders appearing in the lymph nodes in some systematic diseases. Stud. cercet. med. intern. 5 no.1:55-57 '64

ZAMFIRESCU- GHEORGHIU, Marcela; POPESCU, Iuliu; DOBREANU-ENESCU, Viorica,
VELICAN, Daina; APOSTOLESU, Ileana; CUCU, F.; VLADESCU, C.

Action of some energetic anzymatic inhibitors on myocardial
activity. Stud. cercet. med. intern. 5 no.2:197-205 '64

MICU, D.; ZAMFIRESCU-GHEORGHIU, Marcela; MIHAILESCU, Eugenia; MAXIMILIAN,
Stefania; VLADESCU, C.

The value of investigating some leukocyte phosphatases in various
malignant blood diseases. Stud. cercet. med. intern. 6 no.3:
279-285 '65.

ZAMFIRESCU-GHEORGHIU, Marcela; RUNCAN, V.; POPESCU, T.; VELICAN, Doina;
VLADESCU, C.; CRISTESCU, Marcela.

Beta-glucuronidase activity in some forms of chronic hepatitis.
Stud. cercet. med. intern. 5 no.5:527-534 '64

ZĂMBIRESCU-GHEORGHIU, Marcela; VLĂDESCU, C.; APOSTOLESCU, Ileana; GOCIU, Mariana; MIRON, C.

Serum copper oxidase during chronic inflammatory affections and malignant hemopathies. Studii cerc biochimie 7 no.2:295-300 1964.

1. Institute of Internal Medicine, Rumanian Academy and Ministry of Health and Social Welfare. Submitted July 23, 1963.

PAUN, R.; POPESCU, I. Gr.; GHEFORGHIU, T.; ZAMFIRESCU-GHEFORGHIU, Margela;
OLARU, Cornelia; IGTA, C. G.; MOLNER, C. In colaborare cu CASAN,
Aurelia, ing.

Research on occupational allergy in the personnel of a sericulture station. Stud. cercet. med. intern. 5 no. 5:501-512 '64

ZAMFIRESCU, N.

RUMANIA / Farm Animals. Small Horned Stock

Q-3

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12113

Author : Jitariu Petre, Zamfirescu Nicolae, Alexa Eliza,
Jitariu Matilda, Popescu C., Boisteanu S.

Inst :

Title : The Effect of Iodized Vegetative Feeds on the Milk
and Ovulation in She-Goats (O vliyanii yodirovan-
nykh rastitel'nykh kormov na molochnost' i ovuly-
atsiyu koz)

Orig Pub: An. stiint. Univ. Iasi, 1955, Sec. 2, 1, No 1-2, 7-
18

Abstract: Grains of iodized corn and alfalfa grown on lots
fertilized by iodine salts were fed 50 g. per she-
goat together with crushed hay for 27 days. Iodized
feeds exerted an influence on fat and protein metab-
olism in she-goats and produced an increase of the

Card 1/2

BENETATO, Gr., acad.; ZAMFIRESCU, N.; BUBUIANU, Elisabeta; FELBERG, B.

Correlation between the elimination of catecholamines during the effort, and capacity of adaptation to physical effort. Studii cerc fiziol 5 no. 4:659-669. '60.

Sub:

(1. Muscle) (2. Catechol)

1. Catedra de fiziologie a Institutului de medicina si farmacie din Bucuresti si Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
2. Comitetul de redactie, redactor responsabil "Studii si cercetari de fiziologie" (for Benetato).

RUMANIA / Human and Animal Physiology (Normal and Patho- T
logical). Blood. Blood Pressure. Hypertonia

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97524

Author : Nitescu, I. I., Zamfirescu, N., Nestianu, V.

Inst : Not given

Title : Influence of Carbon Dioxide on Arterial Pressure
of Curarized and Narcotized Dogs

Orig Pub: Studii si cercetari fiziol. Acad. RPR, 1957,
2, No 3-4, 267-276

Abstract: Inhalation of mixtures with a high content of
CO₂ induced in curarization dogs an increase in
blood pressure proportional to CO₂ concentration.
Chloralose, luminal, urethane, and chlorpromazine
removed or perverted pressure effect of CO₂; it

Card 1/2

RUMANIA / Human and Animal Physiology (Normal and Pathological). Blood Circulation. Heart. T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97500

Author : Zamfirescu, N.; Felberg, B.; Braun, A.

Inst : Not given

Title : Blood Circulation and Breathing at Rest and during Activity in Complete Heart Block (Preliminary Report)

Orig Pub: Fiziol. norm. si patol., 1957, 4, No. 6, 544-553

Abstract: Six patients with complete block spiographic examination in the states of rest and over activity was performed. The frequency of heart contractions in over activity and inhalation of air and O₂ was also measured. Adjustment of heart to over activity occurs at the expense of increase of systolic volume

Card 1/2

25

RUMANIA/Farm Animals. Sheep and Goats:

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78763.

Author : Jitariu, P.; Dimitrov, H.; Bratianu, S;
Zamfirescu, N.; Jitariu, M.; Boisteanu, I.;
Agrigoriadie, St.; Baicu, V.; Mardare, Al.;
Popescu, Ch.

Inst : Rumanian Academy.

Title : Results of Stimulation of Metabolism in Grey Sheep.

Orig Pub: Commun. Acad. RPR, 1957, 7, No 2, 233-242.

Abstract: For purposes of stimulating metabolism, corn and oats, iodized to Zamfirescu method, were introduced into the ration of 11 pregnant grey sheep, (7.27 g of iodine daily). This caused an increase of the intensity of metabolism, an

Card : 1/2

ZAMFIRESCU, N.

VICIU, Emil; ARSENESCU, GH.; ZAMFIRESCU, N.; MUSTATA, N.; VOICULESCU, A.

Experimental studies of the effect of oxygen on the frog heart.
Probl. card., Bucur. 2:179-187 1956.

(MYOCARDIUM, physiology

eff. of intravenous inject. of oxygenated fluid on
electrophysiol. of frog heart in situ.)

(ELECTROCARDIOGRAPHY, experimental

eff. of intravenous inject. of oxygenated fluid,
in frogs.)

(OXYGEN, effects

on electrophysiol. of frog heart in situ, admin.,
intravenous inject. of oxygenated fluid.

1ST AND 2ND CODES		3RD AND 4TH CODES	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
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85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

15

CP The influence of temperature on the absorption of nutritive matter. I. Nitrogen absorption. N. Zambarek. *Bull. facult. Scienc Agr. (Kisumu, Camu. Lab. Fitch)* 4, No. 2, 3-63 (in French 64-70) (1933).—Alfalfa plants were placed in 2 sets of vessels, one filled with sand fertilized with all required mineral matter except N, the other with only N in the form of NaNO_3 and $(\text{NH}_4)_2\text{SO}_4$ in concs. of 0.012 and 0.001%, resp., maintained at a const. temp. (4° , 10° , 18° , 25° , 32° , 39° , 44° and 49°) for the entire length of the expt. Differentiation of the plants set in after 5-7 days, both in color and growth, and became increasingly pronounced. After 13-25 days the dry substance was weighed, the N content of the vegetable matter detd. and the root length measured. The absorption rate increased with rising temp. from 4° on to a max. (32°), beyond which it fell off. The effect of temp. is different for nitric N from what it is for ammonia N, setting in 3 days sooner with the latter and being more intense between 18° and 44° , while below 18° and above 44° nitric N is absorbed more easily than ammonia N. II. Phosphorus, potassium and calcium absorption. *Ibid.* No. 3, 3-58 (in French 60-63) (1937).—By use of the above method, NaPO_3 (in a concn. of 0.0013% P_2O_5), 0.001% K_2O and 0.001% CaO were applied to maize plants and the following conclusions reached: During the first 13-14 days K penetrates the plant with an intensity 9 times as strong, P with an intensity 8 times as strong and Ca with an intensity about twice as strong at 32° as at 4° . Between 4° and 18° and between 39° and 49° Ca absorption predominates; K follows at a considerable distance, and P comes last. Between 18° and 39° Ca and K exchange places. The plant physiol. reasons of this effect of temp. are discussed. A. H. Krappé

ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

62-12-1001

RUMANIA/Human and Animal Physiology - (Normal and Pathological). T
Blood Circulation. Heart.

Abs Jour : Ref Zhur Biol., No 4, 1959, 17429

Author : Nitescu, I.I., Zamfiresku, N., Nestianu, V.

Inst : -

Title : Experimental Investigation of the Size of the Heart.
The Influence of Electric Stimulation of the Cortex of
Large Hemispheres on the Heart Volume and Blood Pressure.

Orig Pub : Studii si cercetari fiziol., Acad. RPR, 1957, 2, No 1-2,
25-33

Abstract : The influence of electric stimulation of the cortex of
the large hemispheres in the region of the anterior sym-
moid sulcus on the volume of the heart and blood pressure
was investigated in dogs. In narcotised dogs, a decrease
of systolic volume was noted at the time when the increa-
se of pressure was insignificant, or an increase of dias-
tolic volume at the time when the increase of pressure

Card 1/2

- 41 -

ZAMFIRESCU, N.

NITESCU, I.I.; ZAMFIRESCU, N.

Variations in cardiac volume & arterial blood pressure under the influence of chemical mediators. Rumanian M. Rev. 1 no.4:3-16 Oct-Dec 57.

1. Prof. Danielopolu Institute for Normal and Pathologic Physiology of the R.P.R. Academy.

(HEART, physiol.

volume, eff. of cerebral cortex stimulation, epinephrine, arterenol & acetylcholine)

(BLOOD PRESSURE, physiol.

eff. of cerebral cortex stimulation, epinephrine, arterenol, & acetylcholine)

(CEREBRAL CORTEX, physiol.

eff. of stimulation on heart volume & blood pressure)

(EPINEPHRINE, eff.

on heart volume & blood pressure)

(ARTERENOL, eff.

same)

(ACETYLCHOLINE, eff.

same)

ZAMFIRESCU, N.

The effect of acetylcholine and adrenaline on the respiration; a preliminary notes.

p. 299 (Academia Republicii Populare Romane. Institutul de Fiziologie Normala si patologica. Studii Si Cercetari De Fiziologie. Vol. 1, no. 3/4, July/Dec. 1956. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

UZAMFIRESCU, N.; POPESCU, C.

"Observations on the depth of embedded fertilizers in degraded black soil in the Province of Iasi", p. 291. "Journal on science issued by the Iasi Branch, Rumanian Academy; with French and Russian summaries. Quarterly!!(STUDII SI CERCETARI STIINTIFICE, Vol. 5, no. 1/2, Jan./June 1954. Filiala Iasi.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

ZANFIRESCU, N.

Experimental research on the cardiac volume; the effect of adrenaline and acetylcholine on the cardiac volume.

p. 283 (Academia Republicii Populare Romane. Institutul de Fiziologie Normala si patologica. Studii Si Cercetari De Fiziologie. Vol. 1, no. 3/4, July/Dec. 1956. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

RUMANIA/Human and Animal Physiology - Blood Circulation.

T-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31681

Author : Arsenescu, Gh., Zamfirescu, N., Haulica, I., Constantiniu, I., Teodorini Sanda

Inst : -

Title : Electrophysiological Investigations of the Phenomenon of Prohibitive Exhaustion of the Heart of a Frog by Means of Strophantine (Phenomenon Described by Daniyelopolu). Preliminary Report.

Orig Pub : Fiziol. norm. si patol., 1956, 3, No 2, 212-219.

Abstract : Daniyelopolu established that the isolated heart of a frog, stopped in a condition of contracture under the influence of massive doses of strophantine (I), can restore its performance in time under the action of massive doses of acetylcholine (II) or K. In the experiments of the authors, polarization by a direct-current cathode also caused restoration of the performance of the heart.

Card 1/2

ZAMFIRESCU, S. M.

RUMANIA/Human and Animal Physiology - Respiration.

V-5

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18235

Author : N.R. Zamfirescu, S. Rosenzweig, B. Felberg and Ernestina
Dinulescu.

Inst : -

Title : Spirographic Examinations of Individuals with Heart
Ailments.

Orig Pub : Fiziol. norm. si patol, 1956, 3, No 4, 471-478

Abstract : A study was made of the respiration of 16 patients with
both compensated and decompensated heart diseases. A
significant reduction was seen in maximal ventilation
and respiratory reserve. Vital capacity was relatively
slightly decreased (in the majority of patients there
were no symptoms of congestion).

Card 1/1

RUMANIA / Human and Animal Physiology (Normal and Pathological). T-4
Blood.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60288

Author : Arsenescu, Gh.; Zamfirescu, N.; Bittman, E.

Inst : Not given

Title : Evaluation of the Methods of Determination of the Speed
of Propagation of Excitation in Different Points of the
Epicardial Ventricles of Mammals in Situ

Orig Pub : Fiziol. norm. si patol., 1956, 3, No 5, 567-575

Abstract : The existing methods are based on the evaluation of the
moment of origin of the inner deflection in the plain
unipolar EKG; the author states that the moment of the
emergence of the inner deflection does not reflect the
moment of the excitation of the point located under the
electrode, but corresponds to the location of the point
in the positive zone of the corresponding integral

Card 1/2

ZAMFIRESCU, N.; FELBERG, B.

Investigations on cardiac and peripheral hemodynamic factors in cases of decompensated chronic pulmonary heart due to emphysema. Rumanian M Rev. no.1:278-280 Ja-Mr '61.

1. The "Prof. D. Danielopolu" Institute of Normal and Pathological Physiology Academy of the R.P.R., Director: Acad. Gr. Bonetato.

(PULMONARY HEART DISEASE etiology)

(PULMONARY EMPHYSEMA complications) (BLOOD CIRCULATION)

~~ZAMFIRESCU, N.~~ BILTEANU, G.; URTILA, S.

Influence of temperature on the absorption of phosphorus by maize,
beans, peas, determined with the help of radioactive phosphorus. P32.
Studii cerc biol veget 12 no.1:107-119 '60. (EEAI 10:1)

1. Comunicare prezentata de N.Salageanu, membru corespondent al Acad
Academiei Republicii Populare Romine
(Phosphorus) (Absorption) (Corn (Maize))
(Beans) (Peas) (Radioisotopes)

BENETATO, Gr., acad.; ZAMFIRESCU, N.; FELBERG, B.; STOICULESCU, P.;
GARDEV, M. (Bucuresti); DANIELLO, L.; LUCACI, V.; GELEPU, E.;
VITEBSCHI, V. (Cluj)

Study on the respiratory dynamics and the functional level of the
superior organovegetative centers in workers exposed to silicosis.
Studii cerc fiziol 5 no.1:29-41 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(RESPIRATORY ORGANS)
(CARDIOVASCULAR SYSTEM)
(SILICOSIS)

ZAMFIRESCU, N.; FELBERG, B.

Studies on the excitability of the respiratory centers in pulmonary emphysema. Studii cerc fiziol 5 no.1:261-271 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R.
(RESPIRATORY ORGANS)
(EMPHYSEMA, PULMONARY)
(CARBON DIOXIDE)

ZAMFIRESCU, N.; FELBERG, B.; BITTMAN, E.

Studies on the relations between the electric and mechanical
phenomena of the heart in pulmonary emphysema. Studii cerc fiziol
5 no.1:283-288 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.

(HEART)

(EMPHYSEMA, PULMONARY)

(ELECTROCARDIOGRAPHY)

ZAMFIRESCU, N.; FELBERG, B.

Behavior of the interval Q-T with a chronic pulmonary heart. Studii
cerc.fiziol. 4 no.3:385-395 '59. (HRAI 9:5)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.
Danielopolu" al Academiei R.P.R.
(ELECTROCARDIOGRAPHY) (HEART)